


Name of the Product : CHU (N₆) Medium w/ Vitamins & Sucrose; w/o Agar PT 1113										
Code No.	PT 1113									
Section 1	Chemical Identification									
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Name of the Product	CHU (N ₆) Medium w/ Vitamins & Sucrose; w/o Agar									
Produced by	Central Drug House Pvt. Ltd.									
Address	7/28 Vardaan House, Darya Ganj, New Delhi (INDIA)									
Tel. No.	00 91 11 49404040									
Section 2	Hazards Identification									
2.1	Classification of the substance or mixture CLP Classification-Regulation (EC) No. 1272/2008[EU-GHS/CLP] Oxidising solids, (Category 3), H272									
2.2	Label elements Labeling according to Regulation (EC) No.1272/2008									
	 GHS07									
	<i>Pictogram</i> <i>Signal word</i> <i>Warning</i> <i>Hazard Statement(s)</i> H272 <i>May intensify fire; oxidizer</i> <i>Precautionary Statement(s)</i> P210 <i>Keep away from heat/sparks/open flames/hot surfaces. — No smoking.</i> P370 + P378 <i>In case of fire: Use suitable extinguishing media for extinction.</i>									
Section 3	Composition/Information On Ingredients									
3.1	Mixture									
	<table border="1"> <thead> <tr> <th>Component</th> <th>Classification</th> <th>Concentration</th> </tr> </thead> <tbody> <tr> <td>Potassium nitrate</td> <td></td> <td></td> </tr> <tr> <td>CAS No. : 7757-79-1 EC No. : 231-818-8</td> <td>As Per EC Regulation 1272/2008 Ox. Sol. 3 H272</td> <td>>=10 - <=15%</td> </tr> </tbody> </table>	Component	Classification	Concentration	Potassium nitrate			CAS No. : 7757-79-1 EC No. : 231-818-8	As Per EC Regulation 1272/2008 Ox. Sol. 3 H272	>=10 - <=15%
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Section 4	First - Aid Measures													
	<p data-bbox="256 656 676 685">4.1 Description of first aid measures</p> <p data-bbox="355 685 504 714">General advice Consult a physician. Show this safety data sheet to the doctor in attendance.</p> <p data-bbox="355 741 453 770">If inhaled Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. Consult a physician.</p> <p data-bbox="355 831 576 860">In case of skin contact Wash off with soap and plenty of water. Consult a physician.</p> <p data-bbox="355 887 572 916">In case of eye contact Rinse immediately with plenty of water for at least 15 minutes. Consult a physician.</p> <p data-bbox="355 943 485 972">If swallowed Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.</p> <p data-bbox="256 1032 991 1061">4.2 Most important symptoms and effects, both acute and delayed The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in section 11.</p> <p data-bbox="256 1128 1086 1158">4.3 Indication of immediate medical attention and special treatment needed Treat symptomatically.</p>													
Section 5	Fire Fighting Measures													
	<p data-bbox="256 1236 560 1265">5.1 Extinguishing media</p> <p data-bbox="355 1265 644 1294">Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.</p> <p data-bbox="355 1339 671 1368">Unsuitable extinguishing media No data available.</p> <p data-bbox="256 1413 884 1442">5.2 Special hazards arising from the substance or mixture Magnesium oxides, Sulphur oxides, Sodium oxides, Iron oxides, Calcium Oxide, Cobalt oxides, Copper oxides, Manganese oxides,, Molybdenum oxides, Oxides of Phosphorus, Potassium oxides, Zinc oxides.</p> <p data-bbox="256 1518 636 1547">5.3 Precautions for fire-fighters Cool closed containers exposed to fire with water spray.</p> <p data-bbox="256 1585 560 1615">5.4 Further information Wear self-contained breathing apparatus for firefighting if necessary.</p>													
Section 6	Accidental Release Measures													
	<p data-bbox="256 1713 1059 1742">6.1 Personal precautions, protective equipment and emergency procedures Use personnel protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.</p> <p data-bbox="256 1800 624 1830">6.2 Environmental precautions Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into environment must be avoided.</p> <p data-bbox="256 1890 911 1919">6.3 Methods and materials for containment and cleaning up Keep in suitable, closed containers for disposal. Sweep up and shovel. Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13). Keep in suitable, closed containers for disposal.</p>													



	<p>6.4 Reference to other sections For disposal see Section 13.</p>																				
Section 7	<p>Handling and Storage</p> <p>7.1 Precautions for safe handling Avoid formation of dust and aerosols. Wear protective gloves and eye/face protection. Use only in well ventilated areas. Keep away from heat, sparks and open flame.</p> <p>7.2 Conditions for safe storage, including any incompatibilities Store in cool/well-ventilated place. Storage class (TRGS 510): Oxidizing Solids Recommended Storage Temperature : 2 - 8°C</p> <p>7.3 Specific end uses Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.</p>																				
Section 8	<p>Exposure Controls / Personal Protection</p> <p>8.1 Control parameters</p> <p>8.2 Exposure controls Appropriate engineering controls Handle in accordance to general industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Personal protective equipment Eye/face protection Safety glasses with side-shields conforming to EN 166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU). Have eye-washing facilities readily available where eye contact can occur. Skin protection Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Body protection Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Respiratory protection Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Environment exposure controls Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.</p>																				
Section 9	<p>Physical and Chemical Properties</p> <p>9.1 Information on basic physical and chemical properties</p> <table border="0"> <tr> <td>Appearance</td> <td>White to off-white, homogenous powder</td> </tr> <tr> <td>Odour</td> <td>No data available</td> </tr> <tr> <td>Odour Threshold</td> <td>No data available</td> </tr> <tr> <td>pH</td> <td>3.5 - 4.5</td> </tr> <tr> <td>Melting/freezing point</td> <td>No data available</td> </tr> <tr> <td>Initial boiling point and boiling range</td> <td>No data available</td> </tr> <tr> <td>Flash point</td> <td>No data available</td> </tr> <tr> <td>Upper/lower flammability or explosive limits</td> <td>No data available</td> </tr> <tr> <td>Evaporation rate</td> <td>No data available</td> </tr> <tr> <td>Flammability (Solid, gas)</td> <td>No data available</td> </tr> </table>	Appearance	White to off-white, homogenous powder	Odour	No data available	Odour Threshold	No data available	pH	3.5 - 4.5	Melting/freezing point	No data available	Initial boiling point and boiling range	No data available	Flash point	No data available	Upper/lower flammability or explosive limits	No data available	Evaporation rate	No data available	Flammability (Solid, gas)	No data available
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	<p>Vapour pressure No data available</p> <p>Relative density No data available</p> <p>Water Solubility Soluble in water</p> <p>Autoignition Temperature No data available</p> <p>Decomposition Temperature No data available</p> <p>Viscosity No data available</p> <p>Explosive properties No data available</p> <p>Oxidizing properties No data available</p> <p>Vapour density No data available</p> <p>Thermal decomposition No data available</p> <p>9.2 Other safety information No data available</p>
Section 10	Stability and Reactivity
	<p>10.1 Reactivity No data available</p> <p>10.2 Chemical stability Stable under recommended storage conditions.</p> <p>10.3 Possibility of hazardous reactions No data available</p> <p>10.4 Conditions to avoid No data available</p> <p>10.5 Incompatible materials No data available</p> <p>10.6 Hazardous decomposition products Hazardous decomposition products formed under fire conditions - Nitrogen oxides(NOx), Sulphur oxides, Oxides of phosphorus,. Potassium oxides, Magnesium oxide, Cobalt/cobalt oxides, Calcium oxide, Copper oxides</p>
Section 11	Toxicological Information
	<p>11.1 Information on toxicological effects</p> <p>Acute toxicity No data available Remarks : No data available</p> <p>Skin corrosion/irritation No data available</p> <p>Serious eye damage/eye irritation No data available</p> <p>Respiratory or skin sensitisation No data available</p> <p>Germ cell mutagenicity No data available</p> <p>Carcinogenicity IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.</p> <p>Reproductive toxicity No data available</p> <p>Specific target organ toxicity- single exposure No data available</p> <p>Specific target organ toxicity - repeated exposure No data available</p> <p>Aspiration hazard No data available</p> <p>Additional Information RTECS : Not applicable</p>



Section 12	Ecological Information
	<p>12.1 Toxicity No data available</p> <p>12.2 Persistence and degradability No data available</p> <p>12.3 Bioaccumulative potential No data available</p> <p>12.4 Mobility in soil No data available</p> <p>12.5 PBT and vPvB assessment This preparation contains substances considered to be persistent, bioaccumulating or toxic (PBT) very persistent very bioaccumulative (vPvB) at levels of 0.1% or higher.</p> <p>12.6 Other adverse effects</p>
Section 13	Disposal Considerations
	<p>13.1 Waste treatments methods Product Dispose of as unused product.</p> <p>13.2 Contaminated packaging Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Contact a licenced professional waste disposal service to dispose off this material.</p>
Section 14	Transport Information
	<p>14.1 UN-No ADNR : ADR : IATA_C : IATA_P : IMDG : RID :</p> <p>14.2 UN proper shipping name ADNR : No dangerous goods ADR : No dangerous goods IATA_C : No dangerous goods IATA_P : No dangerous goods IMDG : No dangerous goods RID : No dangerous goods</p> <p>14.3 Transport hazard class (es) ADNR :- ADR :- IATA_C :- IATA_P :- IMDG :- RID :-</p> <p>14.4 Packaging group ADNR :- ADR :- IATA_C :- IATA_P :- IMDG :- RID :-</p> <p>14.5 Environmental hazards ADR : NO IMDG : Marine Pollutant: No IATA_C : No</p> <p>14.6 Special precautions for use No data available</p>
Section 15	Regulatory Information
	<p>This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006</p> <p>15.1 Safety health and environment regulations/legislation specific for the substance or mixture</p> <p>15.2 Chemical Safety Assessment For this product a chemical safety assessment was not carried out.</p>
Section 16	Other Information



H272	May intensify fire; oxidizer
H319	Causes serious eye irritation
H373	May cause damage to organs through prolonged or repeated exposure
H411	Toxic to aquatic life with long lasting effects
Aquatic Chronic 2	Hazardous to the aquatic environment, long term hazard, Category 2
Eye Irrit. 2A	Serious eye damage or eye irritation, Category 2A
Ox. Sol. 3	Oxidising solids, Category 3
STOT RE 2	Specific target organ toxicity, repeated exposure, Category 2

Further Information

The information contained in this data sheet represents the best information currently available to us. However, no warranty is made with respect to its completeness and we assume no liability resulting from its use. The information is offered solely for user's obligation to investigate and determine the suitability of the information for their particular purpose.